

Fig. 1

Figure 2: Conceptual Schematic (Server Model)

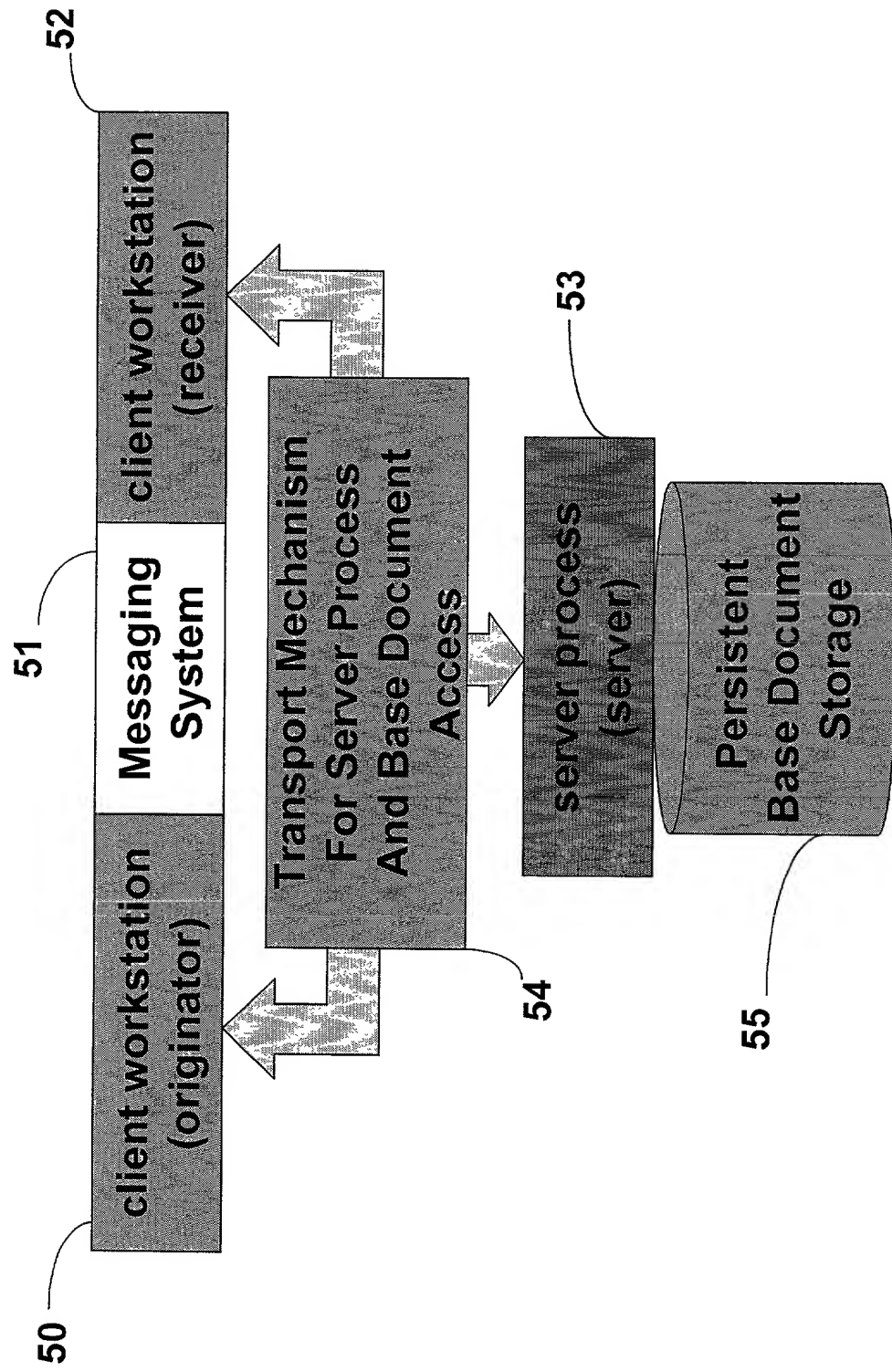


Figure 3: Conceptual Schematic (Peer-to-Peer Model)

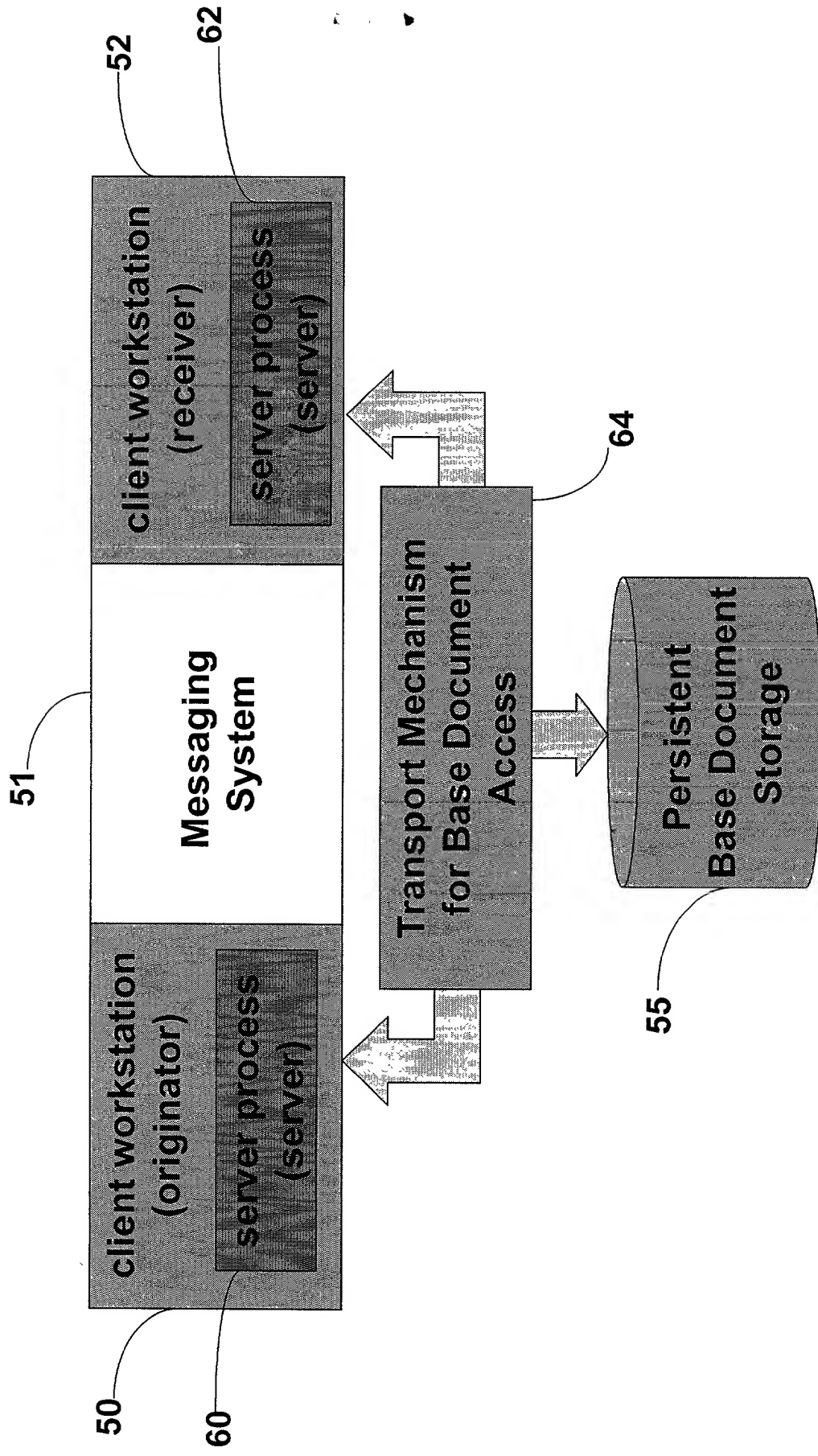


Figure 4: Preferred Embodiment: Block Diagram

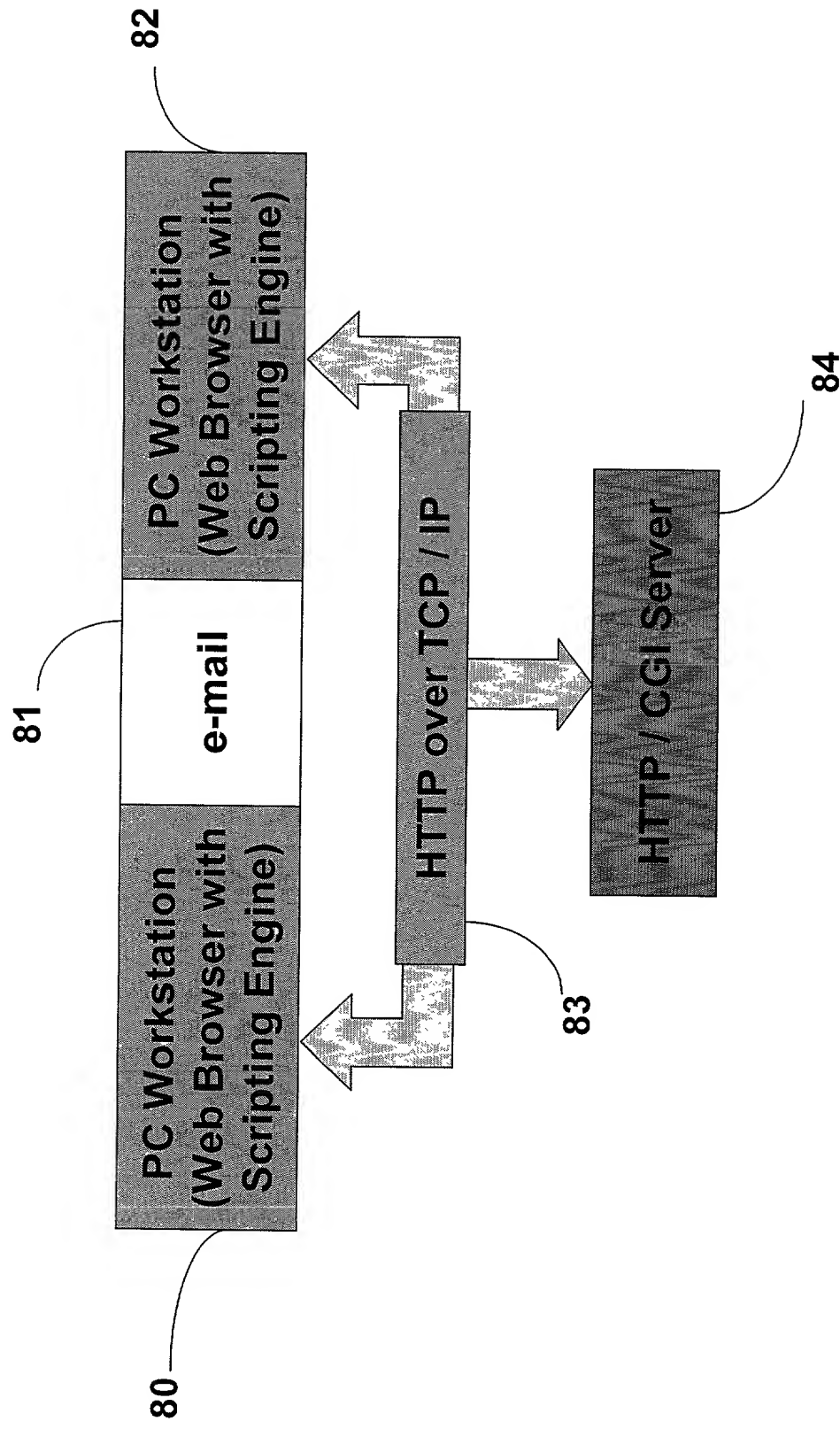


Figure 5: Preferred Embodiment: Collaborative Content
(Represented by URL and XML)

Listing 1: URL Part One -- Document, Zoom Level, and Position

http://localhost/dpr/ds.dpv/00016J/1/123?dpv=bt7dc0dm1dn1do1e0h5i680j4400k256i0n-2441o-25p1r0s33st0t0w7x896xm0xt7y640ym0yt5&DPDB_IDNT=/GIBBS/00016J/1&DPDB_SH=04131

Listing 2: URL Part Two -- Markup Consisting of Circle, Arrow, and Text Box

&RCR=circle|2140|2542|2565|3248|1&RAR=arrow|3544|3202|2982|2701|1&RTX=this%20is%20a%20collaborative%20element|3544|3058|5229|3787|13176|1?1,448

Listing 3: XML -- Document, Zoom Level, and Position + Markup Consisting of Circle, Arrow, and Text Box

<?xml version="1.0" encoding="ISO-8859-1"?>

<!DOCTYPE collaborative-content

PUBLIC "-//Digital Paper, Corp../DTD Collaborative Content 1.0/EN" "http://xml.digitalpaper.com/dtds/web-app_2.2.dtd">

<collaborative-content>

<dp-document >

<docid>00016J</docid>

<zoomlevel>78</dp-zoomlevel>

<xpos>3498</xpos><ypos>2819</ypos>

</dp-document>

<collaborative-elements>

<element-circle name="circle" visible="yes"><ul-point>2140,2542</ul-point><lr-point>2565,3248</lr-point></element-circle>

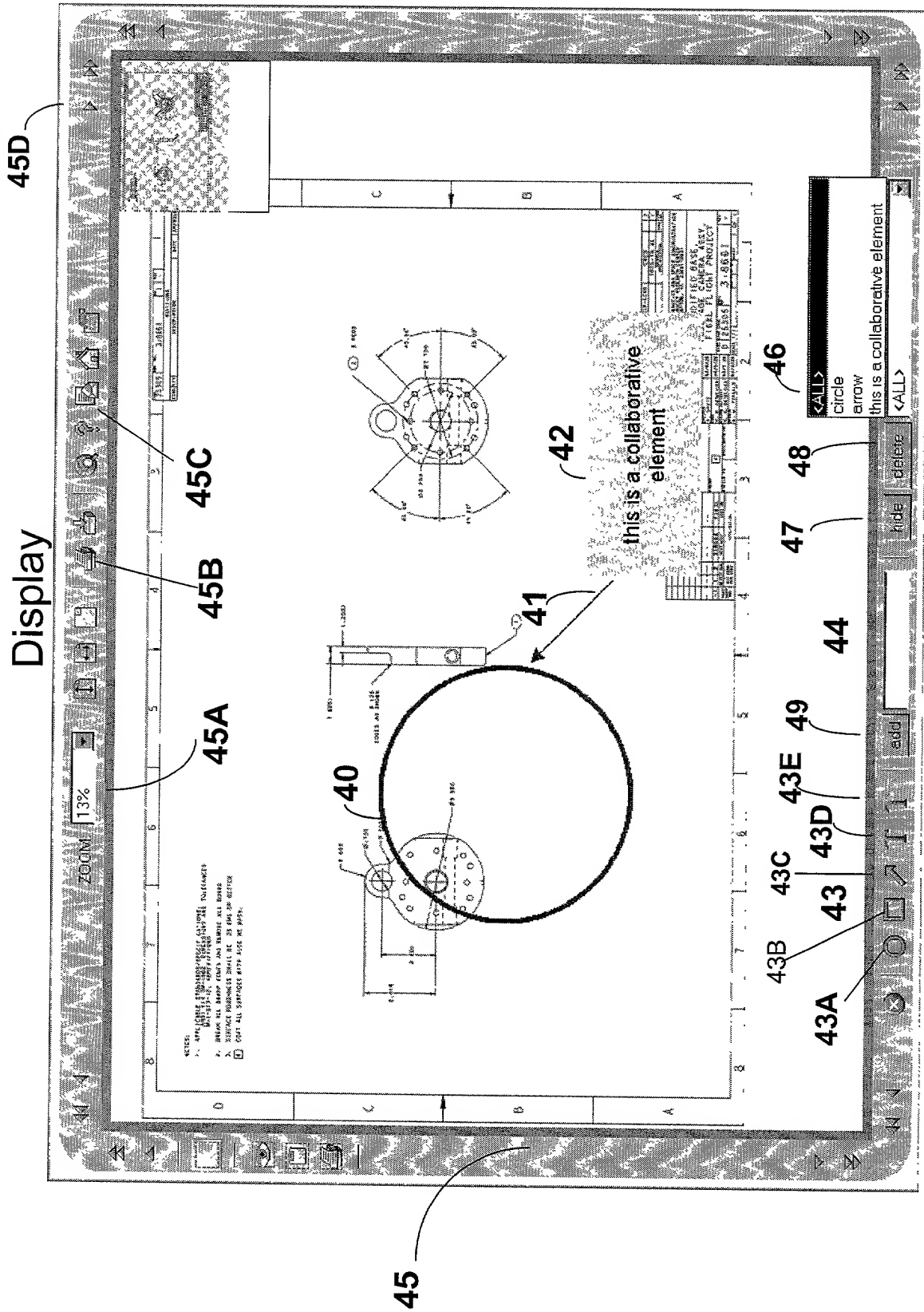
<element-arrow name="arrow" visible="yes"><ul-point>3544,3202</ul-point><lr-point>2982,2701</lr-point></element-arrow>

<element-text name="this is a collaborative element" visible="yes"><ul-point>3544,3202</ul-point><lr-point>2982,2701</lr-point></element-arrow>

</collaborative-elements>

</collaborative-content>

Figure 6: Preferred Embodiment: Client Workstation Screen



NOTE:
 1. ALL DIMENSIONS ARE IN INCHES
 2. BREAK ALL SHARP EDGES AND ROUNDS AND RADIUS
 3. SURFACE FINISHES SHALL BE 32 RMS UNLESS OTHERWISE SPECIFIED
 4. DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED

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 97. 0.125
 98. 0.125
 99. 0.125
 100. 0.125

THIS IS A COLLABORATIVE ELEMENT